

# Ki-Jeong Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

1,411  
citations

361413

20  
h-index

414414

32  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of intraoperative bulbocavernosus reflex monitoring for the prediction of postoperative voiding function in adult patients with lumbosacral spinal tumor. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 493-499.	1.6	6
2	Diagnostic triage in patients with central lumbar spinal stenosis using a deep learning system of radiographs. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 104-111.	1.7	5
3	The utility of intraoperative neurophysiological monitoring in surgical treatment for spinal arteriovenous malformations: A historical control study. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 59-64.	1.4	3
4	The Last Touched Vertebra on Supine Radiographs Can Be the Optimal Lower Instrumented Vertebra in Adolescent Idiopathic Scoliosis Patients. <i>Neurospine</i> , 2022, 19, 236-243.	2.9	9
5	Reciprocal Changes in the Whole-Body Following Realignment Surgery in Adult Spinal Deformity. <i>Asian Spine Journal</i> , 2022, 16, 958-967.	2.0	16
6	Odontoid Incidence: A Novel Cervical Parameter Influencing Cervical Alignment From Top to Bottom. <i>Neurospine</i> , 2022, 19, 463-471.	2.9	6
7	Evaluation of the efficacy and safety of epidural steroid injection using a nonparticulate steroid, dexamethasone or betamethasone: a double-blind, randomized, crossover, clinical trial. <i>Korean Journal of Pain</i> , 2022, 35, 336-344.	2.2	7
8	Durability and Failure Types of S2-Alar-Iliac Screws: An Analysis of 312 Consecutive Screws. <i>Operative Neurosurgery</i> , 2021, 20, 91-97.	0.8	18
9	Neurophysiological monitoring during anterior cervical discectomy and fusion for ossification of the posterior longitudinal ligament. <i>Clinical Neurophysiology Practice</i> , 2021, 6, 56-62.	1.4	9
10	Comparison of Spinal Canal Expansion Following Cervical Laminoplasty Based on the Preoperative Lamina Angle : A Simulation Study. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 229-237.	1.2	5
11	Accuracy and precision of the spinal instability neoplastic score (SINS) for predicting vertebral compression fractures after radiotherapy in spinal metastases: a meta-analysis. <i>Scientific Reports</i> , 2021, 11, 5553.	3.3	7
12	Dynamic Stabilization Surgery in Patients with Spinal Stenosis. <i>Spine</i> , 2021, 46, E893-E900.	2.0	3
13	The differential effect of cervical kyphosis correction surgery on global sagittal alignment and health-related quality of life according to head- and trunk-balanced subtype. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 839-848.	1.7	11
14	Selection of Fusion Level for Adolescent Idiopathic Scoliosis Surgery : Selective Fusion versus Postoperative Decompensation. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 473-485.	1.2	11
15	Surgical Impacts of Metastatic Non-small Cell Lung Cancer to the Thoracic and Lumbar Spine. <i>Journal of Korean Medical Science</i> , 2021, 36, e52.	2.5	4
16	Systematic Review of Reciprocal Changes after Spinal Reconstruction Surgery : Do Not Miss the Forest for the Trees. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 843-852.	1.2	6
17	A prospective study of non-surgical versus surgical treatment for lumbar spinal stenosis without instability. <i>Journal of Clinical Neuroscience</i> , 2020, 80, 100-107.	1.5	2
18	Bicortical Screw Purchase at Upper Instrumented Vertebra (UIV) Can Cause UIV Fracture After Adult Spinal Deformity Surgery: A Finite Element Analysis Study. <i>Neurospine</i> , 2020, 17, 377-383.	2.9	21

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19	Surgical Impact on Global Sagittal Alignment and Health-Related Quality of Life Following Cervical Kyphosis Correction Surgery: Systematic Review. <i>Neurospine</i> , 2020, 17, 497-504.	2.9	25
20	Radiographic and Clinical Outcomes Following Pedicle Subtraction Osteotomy : Minimum 2-Year Follow-Up Data. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 99-107.	1.2	11
21	Surgical Outcomes According to Dekyphosis in Patients with Ossification of the Posterior Longitudinal Ligament in the Thoracic Spine. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 89-98.	1.2	12
22	Trends in Incidence and Treatment of Herniated Lumbar Disc in Republic of Korea : A Nationwide Database Study. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 108-118.	1.2	8
23	Surgical Outcomes and Complications Following All Posterior Approach for Spinal Deformity Associated with Neurofibromatosis Type-1. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 738-746.	1.2	10
24	Evaluation of Bone Marrow-derived Stem Cells and Adipose-derived Stem Cells Co-cultured on Human Nucleus Pulposus Cells: A Pilot Study. <i>Korean Journal of Neurotrauma</i> , 2020, 16, 138.	0.6	0
25	Anatomic Trajectory Screw Fixation at Upper Instrumented Vertebra Is a Substantial Risk Factor for Proximal Junctional Kyphosis. <i>World Neurosurgery</i> , 2019, 129, e522-e529.	1.3	1
26	Kyphectomy and interbody fixation using lag screws in a child with myelomeningocele kyphosis: a technical case report. <i>Child's Nervous System</i> , 2019, 35, 1407-1410.	1.1	3
27	Epidemiology of Iatrogenic Vertebral Artery Injury in Cervical Spine Surgery: 21 Multicenter Studies. <i>World Neurosurgery</i> , 2019, 126, e1050-e1054.	1.3	26
28	Effect of Vertebroplasty at the Upper Instrumented Vertebra and Upper Instrumented Vertebra+1 for Prevention of Proximal Junctional Failure in Adult Spinal Deformity Surgery: A Comparative Matched-Cohort Study. <i>World Neurosurgery</i> , 2019, 124, e436-e444.	1.3	16
29	Assessment of T1 Slope Minus Cervical Lordosis and C2-7 Sagittal Vertical Axis Criteria of a Cervical Spine Deformity Classification System Using Long-Term Follow-up Data After Multilevel Posterior Cervical Fusion Surgery. <i>Operative Neurosurgery</i> , 2019, 16, 20-26.	0.8	30
30	Epidemiology of C5 Palsy after Cervical Spine Surgery: A 21-Center Study. <i>Neurospine</i> , 2019, 16, 558-562.	2.9	19
31	Clinical Efficacy of Intra-Operative Cell Salvage System in Major Spinal Deformity Surgery. <i>Journal of Korean Neurosurgical Society</i> , 2019, 62, 53-60.	1.2	11
32	Relationship Between Cervical Sagittal Alignment and Patient Outcomes After Anterior Cervical Fusion Surgery Involving 3 or More Levels. <i>World Neurosurgery</i> , 2018, 113, e548-e554.	1.3	19
33	Long-Term Results Following Surgical Resection of Chordomas in the Craniocervical Junction and the Upper Cervical Spine: Review of 12 Consecutive Cases. <i>Operative Neurosurgery</i> , 2018, 14, 112-120.	0.8	12
34	Adolescent Idiopathic Scoliosis Surgery by a Neurosurgeon: Learning Curve for Neurosurgeons. <i>World Neurosurgery</i> , 2018, 110, e129-e134.	1.3	14
35	Clinical and Radiological Outcomes of Posterior Vertebral Column Resection for Severe Spinal Deformities. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 251-257.	1.2	10
36	Factors for the acquisition of 10° angular change at the lumbar spine through posterior column osteotomy in adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 667-673.	1.7	1

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37	Risk Factor Analysis of Change in Intraoperative Neurophysiologic Monitoring During Cervical Open Door Laminoplasty. <i>World Neurosurgery</i> , 2018, 119, e235-e243.	1.3	7
38	The Incidence of Various Types of Systemic Reactions Related to Epidural Steroid Injections: A Prospective Observational Study. <i>Korean Journal of Radiology</i> , 2018, 19, 301.	3.4	10
39	Failure to generate baseline muscle motor evoked potentials during spine surgery: Risk factors and association with the postoperative outcomes. <i>Clinical Neurophysiology</i> , 2018, 129, 2276-2283.	1.5	12
40	Freehand S2 Alar-Iliac Screw Placement Using K-Wire and Cannulated Screw : Technical Case Series. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 75-80.	1.2	15
41	Spinal Cord Subependymoma Surgery : A Multi-Institutional Experience. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 233-242.	1.2	20
42	Total Deformity Angular Ratio as a Risk Factor for Complications after Posterior Vertebral Column Resection Surgery. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 723-730.	1.2	10
43	Rod stiffness as a risk factor of proximal junctional kyphosis after adult spinal deformity surgery: comparative study between cobalt chrome multiple-rod constructs and titanium alloy two-rod constructs. <i>Spine Journal</i> , 2017, 17, 962-968.	1.3	78
44	S2 alar iliac screw placement under robotic guidance for adult spinal deformity patients: technical note. <i>European Spine Journal</i> , 2017, 26, 2198-2203.	2.2	28
45	Association between bicortical screw fixation at upper instrumented vertebra and risk for upper instrumented vertebra fracture. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 638-644.	1.7	11
46	Comparative Study Between Cobalt Chrome and Titanium Alloy Rods for Multilevel Spinal Fusion: Proximal Junctional Kyphosis More Frequently Occurred in Patients Having Cobalt Chrome Rods. <i>World Neurosurgery</i> , 2017, 103, 404-409.	1.3	36
47	Comparative Study Between Pedicle Subtraction Osteotomy (PSO) and Closing-Opening Wedge Osteotomy (Fish-Mouth PSO) for Sagittal Plane Deformity Correction. <i>Spine</i> , 2017, 42, E899-E905.	2.0	14
48	Multi-channel motor evoked potential monitoring during anterior cervical discectomy and fusion. <i>Clinical Neurophysiology Practice</i> , 2017, 2, 48-53.	1.4	15
49	Cervical compressive myelopathy: flow analysis of cerebrospinal fluid using phase-contrast magnetic resonance imaging. <i>European Spine Journal</i> , 2017, 26, 40-48.	2.2	21
50	Research articles published by Korean spine surgeons: Scientific progress and the increase in spine surgery. <i>Journal of Clinical Neuroscience</i> , 2017, 36, 6-11.	1.5	3
51	Multilevel Posterior Column Osteotomies Are Not Inferior For the Correction of Rigid Adult Spinal Deformity Compared with Pedicle Subtraction Osteotomy. <i>World Neurosurgery</i> , 2017, 107, 839-845.	1.3	4
52	Corticobulbar motor evoked potentials from tongue muscles used as a control in cervical spinal surgery. <i>Clinical Neurophysiology Practice</i> , 2017, 2, 124-129.	1.4	9
53	Clinical Impact of T1 Slope Minus Cervical Lordosis After Multilevel Posterior Cervical Fusion Surgery. <i>Spine</i> , 2017, 42, 1859-1864.	2.0	48
54	Effectiveness and Safety of Tranexamic Acid in Spinal Deformity Surgery. <i>Journal of Korean Neurosurgical Society</i> , 2017, 60, 75-81.	1.2	48

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55	Various MRI Findings of Spinal Ependymoma. <i>Journal of the Korean Society of Radiology</i> , 2017, 76, 411.	0.2	3
56	Proximal Junctional Kyphosis and Proximal Junctional Failure Following Adult Spinal Deformity Surgery. <i>Korean Journal of Spine</i> , 2017, 14, 126-132.	0.9	97
57	Pyogenic Vertebral Osteomyelitis: Clinical Features, Diagnosis, and Treatment. <i>Korean Journal of Spine</i> , 2017, 14, 27-34.	0.9	32
58	Single Stage Posterior Approach for Total Resection of Presacral Giant Schwannoma: A Technical Case Report. <i>Korean Journal of Spine</i> , 2017, 14, 89-92.	0.9	21
59	Heterotopic ossification and clinical outcome in nonconstrained cervical arthroplasty. <i>Journal of Spine Surgery</i> , 2016, 2, 351-352.	1.2	1
60	Relationship Between T1 Slope and Cervical Alignment Following Multilevel Posterior Cervical Fusion Surgery. <i>Spine</i> , 2016, 41, E396-E402.	2.0	129
61	Efficiency of lead aprons in blocking radiation – how protective are they?. <i>Heliyon</i> , 2016, 2, e00117.	3.2	47
62	Dynamic stabilization using the Dynesys system versus posterior lumbar interbody fusion for the treatment of degenerative lumbar spinal disease: a clinical and radiological outcomes-based meta-analysis. <i>Neurosurgical Focus</i> , 2016, 40, E7.	2.3	32
63	Posterior osteosynthesis of a spontaneous bilateral pedicle fracture of the lumbar spine. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 398-401.	1.7	9
64	Multiple Intradural Disc Herniations Masquerading as Intradural Extramedullary Tumors: A Case Report and Review of the Literature. <i>Korean Journal of Spine</i> , 2016, 13, 30.	0.9	12
65	Long-Term Follow-Up Results of Anterior Cervical Inter-Body Fusion with Stand-Alone Cages. <i>Journal of Korean Neurosurgical Society</i> , 2016, 59, 385.	1.2	14
66	Posterior Trans-Dural Repair of Iatrogenic Spinal Cord Herniation after Resection of Ossification of Posterior Longitudinal Ligament. <i>Asian Spine Journal</i> , 2016, 10, 355.	2.0	0
67	Usefulness of the Informant Questionnaire on Cognitive Decline in the Elderly for Predicting Postoperative Delirium in Elderly Patients: A Pilot Study. <i>Dementia and Neurocognitive Disorders</i> , 2015, 14, 120.	1.4	0
68	Laminoplasty versus laminectomy and fusion for multilevel cervical myelopathy: a meta-analysis of clinical and radiological outcomes. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 589-595.	1.7	68
69	A Comparative Radiographic Analysis of Fusion Rate between L4-5 and L5-S1 in a Single Level Posterior Lumbar Interbody Fusion. <i>Korean Journal of Spine</i> , 2015, 12, 60.	0.9	23
70	Plasmacytoma to the Axis Mimicking Metastatic Paraganglioma: Circumferential Reconstruction via Posterior Approach. <i>Korean Journal of Spine</i> , 2015, 12, 283.	0.9	4
71	Adolescent Idiopathic Scoliosis Treatment by a Korean Neurosurgeon: The Changing Role for Neurosurgeons. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 50.	1.2	2
72	Free Hand Insertion Technique of S2 Sacral Alar-Iliac Screws for Spino-Pelvic Fixation: Technical Note, Cadaveric Study. <i>Journal of Korean Neurosurgical Society</i> , 2015, 58, 578.	1.2	43

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73	Accuracy of Free Hand Pedicle Screw Installation in the Thoracic and Lumbar Spine by a Young Surgeon: An Analysis of the First Consecutive 306 Screws Using Computed Tomography. <i>Asian Spine Journal</i> , 2014, 8, 237.	2.0	25
74	Does Obesity Make an Influence on Surgical Outcomes Following Lumbar Microdiscectomy?. <i>Korean Journal of Spine</i> , 2014, 11, 68.	0.9	17
75	Comparison between Two Different Cervical Interbody Fusion Cages in One Level Stand-alone ACDF: Carbon Fiber Composite Frame Cage Versus Polyetheretherketone Cage. <i>Korean Journal of Spine</i> , 2014, 11, 127.	0.9	17
76	A Case of Intradural-Extramedullary Form of Primary Spinal Cysticercosis Misdiagnosed as an Arachnoid Cyst. <i>Journal of Korean Neurosurgical Society</i> , 2014, 55, 226.	1.2	16
77	Total En Bloc Thoracic and Lumbar Spondylectomy for Non-Small Cell Lung Cancer with Favorable Prognostic Indicators: Is It Merely Indicated for Solitary Spinal Metastasis?. <i>Journal of Korean Neurosurgical Society</i> , 2014, 56, 431.	1.2	5
78	An Extensive Intradural Epidermoid Cyst with a Longstanding History of Paraplegia: A Case Report. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013, 74, e1-e3.	0.8	4
79	Comparative Analysis Between Thoracic Spinal Cord and Sacral Neuromodulation in a Rat Spinal Cord Injury Model: A Preliminary Report of a Rat Spinal Cord Stimulation Model. <i>Korean Journal of Spine</i> , 2013, 10, 14.	0.9	5
80	Intradural Extramedullary Metastasis of Small Cell Lung Cancer: A Case Report. <i>Korean Journal of Spine</i> , 2012, 9, 293.	0.9	17
81	Therapeutic Effect of Epidural Steroid Injection in Patients Suspected of having an Internal Disc Disruption: A Prospective Case Study. <i>Journal of the Korean Radiological Society</i> , 2007, 57, 281.	0.0	1